

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete If Known

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|------------------------|----------------------------|
| Application Number     | New Divisional Application |
| Filing Date            | Concurrently Herewith      |
| First Named Inventor   | Galo F. ACOSTA et al.      |
| Group Art Unit         | Unknown                    |
| Examiner Name          | Unknown                    |
| Attorney Docket Number | 2599-103-D1                |

Sheet 1 of 10

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite No. <sup>1</sup> | U.S. Patent Document |                         | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY |
|-----------------------|-----------------------|----------------------|-------------------------|--|--|
|                       |                       | Number               | Kind Code<br>(if known) |  |  |
| SLC                   | A1                    | 5,104,808 °          |                         | Laska et al.                                       | 04/14/1992   |
|                       | A2                    | 4,803,050 °          |                         | Mack   | 02/07/1989   |
|                       | A3                    | 5,183,638            |                         | Wakatake   | 02/02/1993   |
|                       | A4                    | 4,000,976            |                         | Kramer et al.                                      | 01/04/1977   |
|                       | A5                    | 5,139,744            |                         | Kowalski   | 08/18/1992   |
|                       | A6                    | 5,186,760            |                         | Rubenzer   | 02/16/1993   |
|                       | A7                    | 5,578,270            |                         | Reichler et al.                                    | 11/26/1996   |
| SLC                   | A8                    | 5,988,236            |                         | Fawcett  | 11/23/1999   |

## FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite No. | Foreign Patent Document |        |                         | Name of Patentee or Applicant<br>of Cited Document | Date of Publication<br>of Cited Document<br>MM-DD-YYYY | T <sup>6</sup> |
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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials* | Cite No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T <sup>6</sup> |
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Examiner  
Signature

Cross, L.

Date Considered

9/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

FORM PTO-1449

To: U.S. Department of Commerce  
Patent and Trademark OfficeAtty.  
Dkt. No.

M#

256651

GP094-02.UT

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: ACOSTA et al.

Appln. No.: 09/191,343

Filing Date: November 13, 1998

Examiner: Unassigned

Group Art Unit: 1623

Date: March 4, 1999

Page 1 of 1

**U.S. PATENT DOCUMENTS**

| Examiner's<br>Initials* | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | SubClass | Filing Date<br>(if appropriate) |
|-------------------------|--------------------|-----------------|---|-------|----------|---------------------------------|
| 81C                     | AR 5,736,105       | 04/1998         | Astle                                   |       |          |                                 |
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**FOREIGN PATENT DOCUMENTS**

|  |    | Document<br>Number | Date<br>MM/YYYY | Country | Inventor Name | Class | SubClass | English<br>Abstract |    | Translation<br>Readily<br>Available |    |
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Examiner Cross, C.

Date Considered: 9/03

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| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br><b>INFORMATION DISCLOSURE STATEMENT<br/>         BY APPLICANT</b><br><br>(USE SEVERAL SHEETS IF NECESSARY) | ATTY. DOCKET NO.<br>PM-256651    | SERIAL NO.<br>09/191,343 |
|  | APPLICANT<br>Acosta et al.       |                          |
|  | FILING DATE<br>November 14, 1998 | GROUP<br>1623            |

| U.S. PATENT DOCUMENTS |                 |   |   |   |   |   |   |  |          |             |       |          |                                 |
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| EXAMINER<br>INITIAL   | DOCUMENT NUMBER |   |   |   |   |   |   |  | DATE     | NAME        | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
| 810                   | 5               | 5 | 5 | 9 | 0 | 0 | 2 |  | 09/24/96 | Uzan et al. |       |          |                                 |
|                       |                 |   |   |   |   |   |   |  |          |             |       |          |                                 |
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| EXAMINER<br>INITIAL      | DOCUMENT NUMBER |   |   |   |   |   |   |  | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |                 |   |   |   |   |   |   |  |          |         |       |          | YES         | NO |
| 810                      | 9               | 7 | 1 | 5 | 8 | 0 | 9 |  | 05/01/97 | PCT     |       |          |             |    |
| 810                      | 0               | 2 | 1 | 0 | 0 | 1 | 4 |  | 01/28/87 | EPO     |       |          |             |    |
| 810                      | 0               | 7 | 9 | 6 | 6 | 5 | 8 |  | 09/24/97 | EPO     |       |          |             |    |
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| EXAMINER<br>INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |  |  |  |  |  |  |  |  |  |  |  |  |
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| EXAMINER<br>Cross, L.  | DATE CONSIDERED<br>9/03 |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. |                         |

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GP094-02.UT

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: ACOSTA et al.

Appln. No.: 09/191,343

Filing Date: October 23, 1998

Date: August 13, 1999

Page 1 of 1

Examiner: Unknown

Group Art Unit: 1623

**U.S. PATENT DOCUMENTS**

| Examiner's<br>Initials* | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | Sub<br>Class | Filing Date<br>(if appropriate) |
|-------------------------|--------------------|-----------------|---|-------|--------------|---------------------------------|
| SLC                     | AR 5,525,302       | 06/1996         | Astle                                   |       |              |                                 |
|                         | BR                 |                 |   |       |              |                                 |
|                         | CR                 |                 |   |       |              |                                 |
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|     |    |                    |                 |         |                |       |          | Enclosed            | No | Enclose                             | No |
| SLC | OR | 0 317 286 A2       | 05/1989         | EPO     | Li et al.      |       |          |                     |    |                                     |    |
| SLC | PR | 0 796 658 A20      | 09/1997         | EPO     | Gherson et al. |       |          |                     |    |                                     |    |
| SLC | QR | WO 91/07662        | 05/1991         | PCT     | Uzan et al.    |       |          |                     |    |                                     |    |
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Examiner Cross, L.

Date Considered: 9/03

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**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: ACOSTA et al.

Appln. No.: 09/191,343

Filing Date: November 13, 1998

Date: October 6, 1999

Page 1 of 1

Examiner: Unassigned

Group Art Unit: 1623

**U.S. PATENT DOCUMENTS**

| Examiner's<br>Initials* |    | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | Sub<br>Class | Filing Date<br>(if appropriate) |
|-------------------------|----|--------------------|-----------------|---|-------|--------------|---------------------------------|
| SLC                     | AR | 4,988,618          | 01/1991         | Li et al.                               |       |              |                                 |
| SLC                     | BR | 5,736,413          | 04/1998         | Uzan et al.                             |       |              |                                 |
| SLC                     | CR | 5,817,955          | 10/1998         | Gherson et al.                          |       |              |                                 |
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Examiner Cass, L.

Date Considered: 9/03

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FORM PTO-1449 (modified)  
To: U.S. Department of Commerce  
(PM&S FORM PAT-1449)  
Patent and Trademark Office

Atty.  
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Applicant: ACOSTA et al.

Appl. No.: 09/191,343

Filing Date: November 13, 1998

Date: January 11, 2000

Page 1 of 1

Examiner: Group Art Unit: 1623

## U.S. PATENT DOCUMENTS

| Examiner's<br>Initials* |    | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | Sub<br>Class | Filing<br>Date<br>(if appropriate) |
|-------------------------|----|--------------------|-----------------|---|-------|--------------|------------------------------------|
| SIC                     | AR | 4,895,650          | 01/1990         | Wang                                    |       |              |                                    |
| SIC                     | BR | 5,897,783          | 04/1999         | Howe et al.                             |       |              |                                    |
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|     |    |                    |                 |         |               | Enclosed            | No | Enclose                             | No |
| SIC | OR | 0 136 126          | 04/1985         | EP      | Adams et al.  |                     |    |                                     |    |
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Examiner Cross, L.

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SHEET 1 OF 1

Form 1449

U.S. Department of Commerce  
Patent and Trademark Office

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**LIST OF MATERIALS CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT

ACOSTA et al.

FILING DATE

GROUP

November 13, 1998

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Dated: June 26, 2000

**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE       | NAME             | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|----|-----------------|------------|------------------|-------|----------|----------------------------|
| 81c              | AA | 5,645,723       | 07/08/1997 | Fujishiro et al. | 210   | 321.75   | 01/04/1996                 |
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|  |    |                 |      |         |       |          | YES         | NO |
|  | AL |                 |      |         |       |          |             |    |
|  | AM |                 |      |         |       |          |             |    |
|  | AN |                 |      |         |       |          |             |    |

**NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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Cross, L.

9/03

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256651

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: ACOSTA et al.

Appln. No.: NEW

Filing Date: November 13, 1998

Examiner: Unassigned

Group Art Unit: Unknown

Date: November 13, 1998

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of

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**U.S. PATENT DOCUMENTS**

| Examiner's<br>Initials* |    | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | SubClass | Filing Date<br>(if appropriate) |
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| 81C                     | AR | Des. 248,045       | 05/1978         | Bassett et al.                          |       |          |                                 |
|                         | BR | Des. 250,348       | 11/1978         | Frangiosa et al.                        |       |          |                                 |
|                         | CR | 3,807,235          | 04/1974         | Lefkovits et al.                        |       |          |                                 |
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|                         | GR | 4,158,035          | 06/1979         | Haase et al.                            |       |          |                                 |
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|                         | LR | 4,478,094          | 10/1984         | Salomaa et al.                          |       |          |                                 |
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|--|----|--------------------|-----------------|---------|---------------|-------|----------|----------|----|-------------------------------------|----|
|  |    |                    |                 |         |               |       |          | Enclosed | No | Enclose                             | No |
|  | OR | DE 3342504 A1      | 05/1985         | Germany | Kloth         |       |          | X        |    | X                                   |    |
|  | PR |                    |                 |         |               |       |          |          |    |                                     |    |
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|  | WR |                    |                 |         |               |       |          |          |    |                                     |    |
|  | XR |                    |                 |         |               |       |          |          |    |                                     |    |

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| 81C | YR  | Gitter et al., "Cytofluorometric Isolation of 1937, An Ia Antigen-Bearing Variant of the Ia-Negative Human Monocytic Cell Line U937", J. of Immunology, Vol. 134, No. 1, January 1985, pp. 280-283, The American Assoc. of Immunologists  |  |  |  |  |
|     | ZR  | Ledbetter et al., "T Cell Subsets Defined by Expression of Lyt-1,2,3 and Thy-1 Antigens - Two-Parameter Immunofluorescence and Cytotoxicity Analysis with Monoclonal Antibodies Modifies Current Views", J. Exp. Med., Vol. 152, August 1980, pp. 280-295, The Rockefeller University Press |  |  |  |  |
|     | AAR | Lindquist et al., "A monoclonal antibody inhibiting leucocyte adhesion blocks induction of IL-2 production but not IL-2 receptor expression", Immunology, 1987, Vol. 60, pp. 579-584  |  |  |  |  |
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| 81C | ACR | Abstract 393B: Almasri et al., "Flow Cytometric Analysis of TdT Expression", Cytometry Supplement, 2:52, 1988, Soc. of Analytical Cytology 1988 Abstracts   |  |  |  |  |
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Examiner CROSS, L.Date Considered: 9/03

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256651

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: ACOSTA et al.

Appln. No.: NEW

Filing Date: November 13, 1998

Examiner: Unassigned

Group Art Unit: Unknown

Date: November 13, 1998

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**U.S. PATENT DOCUMENTS**

| Examiner's Initials* |    | Document Number | Date MM/YYYY | Name<br>(Family Name of First Inventor) | Class | SubClass | Filing Date<br>(if appropriate) |
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| SLC                  | AR | 4,599,315       | 07/1986      | Terasaki et al.                         |       |          |                                 |
|                      | BR | 4,621,667       | 11/1986      | Eberle                                  |       |          |                                 |
|                      | CR | 4,681,742       | 07/1987      | Johnson et al.                          |       |          |                                 |
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|                      | FR | 5,021,217       | 06/1991      | Oshikubo                                |       |          |                                 |
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|                      | MR |                 |              |   |       |          |                                 |
|                      | NR |                 |              |   |       |          |                                 |

**FOREIGN PATENT DOCUMENTS**

|  |    | Document Number | Date MM/YYYY | Country | Inventor Name | Class | SubClass | Translation Readily Available |    |          |    |
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|  |    |                 |              |         |               |       |          | Enclosed                      | No | Enclosed | No |
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OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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Examiner: Closs, L.

Date Considered: 9/03

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To: U.S. Department of Commerce  
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256651

GP094-02.UT

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

Applicant: ACOSTA et al.

Appln. No.: 09/191,343

Filing Date: November 13, 1998

Examiner: Unassigned

Group Art Unit: Unknown

Date: February 2, 1999

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**U.S. PATENT DOCUMENTS**

| Examiner's<br>Initials* |    | Document<br>Number | Date<br>MM/YYYY | Name<br>(Family Name of First Inventor) | Class | SubClass | Filing Date<br>(if<br>appropriate) |
|-------------------------|----|--------------------|-----------------|---|-------|----------|------------------------------------|
| 81C                     | AR | 4,988,618          | 01/1991         | Li et al.                               |       |          |                                    |
|                         | BR |                    |                 |   |       |          |                                    |
|                         | CR |                    |                 |   |       |          |                                    |
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**FOREIGN PATENT DOCUMENTS**

|  |    | Document<br>Number | Date<br>MM/YYYY | Country | Inventor Name | Class | SubClass | English<br>Abstract |    | Translation<br>Readily<br>Available |    |
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|  | ADR |  |  |  |  |  |  |  |  |  |  |

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| Sheet | 1 | of | 1 |
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**Complete if Known**

|                               |                       |
|-------------------------------|-----------------------|
| <b>Application Number</b>     | <b>09/826,944</b>     |
| <b>Filing Date</b>            | <b>April 6, 2001</b>  |
| <b>First Named Inventor</b>   | <b>ACOSTA et al.</b>  |
| <b>Group Art Unit</b>         | <b>1744</b>           |
| <b>Examiner Name</b>          | <b>To Be Assigned</b> |
| <b>Attorney Docket Number</b> | <b>2599-103-D1</b>    |

## U.S. PATENT DOCUMENTS

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